

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-16. Canceled.

17. (New) Cosmetic or dermatologic formulation with an oxygen carrier system which comprises a liquid perfluorinated or partially fluorinated hydrocarbon or hydrocarbon mixture with a moiety of 0.1 – 10% by weight, a liquid silicone polymer or silicone polymer mixture with a moiety of 10 – 85% by weight and an oil or water base with a moiety of 5 – 25% by weight, with all weight percentages being related to the total weight of the carrier system and the oxygen carrier system is present in the formulation with a moiety of 1 – 40% by weight, related to the overall weight of the formulation, and the carrier system being loaded with gaseous oxygen up to a partial pressure of 150 - 950 mbar O<sub>2</sub>.

18. (New) Formulation according to Claim 17, wherein the carrier system is loaded four weeks after the loading with an oxygen content of 25 – 40% by volume of the initial oxygen content.

19. (New) Formulation according to Claim 17, wherein the carrier system contains tocopherol or a tocopherol derivative with a moiety of 0.01 - 1.5% by weight.

20. (New) Formulation according to Claim 17, wherein the moiety of the liquid silicone polymer ranges from 15 – 35% by weight.

21. (New) Formulation according to Claim 17, wherein the carrier system contains at least a gelling or thickening agent or a mixture thereof.

22. (New) Formulation according to Claim 17, wherein the oil base of the carrier system is a vegetable oil, an ester or mixture thereof.

23. (New) Formulation according to Claim 17, wherein the oxygen carrier is perfluorodecaline.

24. (New) Formulation according to Claim 17, wherein the moiety of the perfluorinated hydrocarbon or hydrocarbon mixture ranges from 1.5 – 6% by weight.

25. (New) Formulation according to Claim 17, wherein the oxygen carrier system is present in a moiety of 6 to 10%.

26. (New) Formulation according to Claim 17, wherein it contains as cosmetic formulation a silicone oil with a moiety of 3 – 70%, related to the overall weight of the formulation, preferably with a moiety of 6 – 35%.

27. (New) Formulation according to Claim 17, wherein the oxygen carrier system in a formulation is present with a moiety of 3 to 40% by weight, preferably 6 to 35% by weight, related to the overall weight of the formulation.

28. (New) Procedure for the preparation of cosmetic or dermatologic formulation with a cosmetic oxygen carrier system according to Claim 17, wherein at least one part of a liquid silicone polymer is incorporated while stirring at 20 to 100 r.p.m. into at least one part of the oil or water base at a temperature ranging from 18 to 26 °C, adding in addition while stirring at 10 to 80 r.p.m. a liquid perfluorinated or partially perfluorinated hydrocarbon or a hydrocarbon mixture and stirring it for 3 to 30 minutes, adding, optionally, further constituents for the carrier system or remaining moieties of the mentioned constituents while stirring at 40 to 150 r.p.m. and homogenising the mixture for 20 to 150 seconds at maximally 3,000 r.p.m. 10 to 40 minutes, loading the carrier system with gaseous oxygen up to a partial pressure of 150 - 950 mbar O<sub>2</sub> and mixing the carrier system with constituents of the cosmetic or dermatologic formulation.

29. (New) Procedure according to Claim 28, wherein the carrier system is treated with gaseous oxygen with a partial pressure of 180 to 600 mbar.

30. (New) A topical formulation comprising a cosmetic formulation with an oxygen carrier system, comprising a liquid perfluorinated or partially perfluorinated hydrocarbon or hydrocarbon mixture with a moiety of 0.1 – 10% by weight, a liquid silicone polymer with a moiety of 35 – 85% by weight, an oil or water base with a moiety of 5 – 25% by weight, all weight percentages being related to the overall weight of the carrier system, in a topical formulation with silicone oil contents of 5 – 25% by weight, related to the overall weight of the topical formulation.

31. (New) The topical formulation according to Claim 30 wherein the topical formulation has the form of a cream, a lotion, a self-tanning agent, a sun protection formulation for use before, during and after the exposure to sun, of a mask, a gel, a spray.